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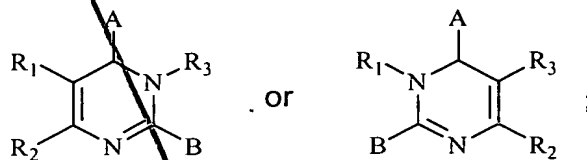
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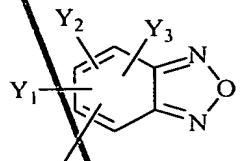
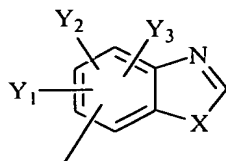
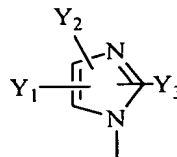
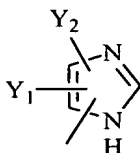
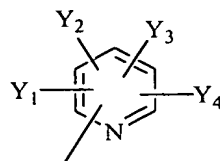
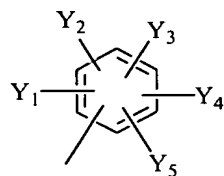
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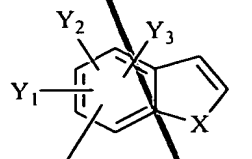
--13. (Twice Amended) A compound having the structure:



wherein A is



or



wherein each of Y<sub>1</sub>, Y<sub>2</sub>, Y<sub>3</sub>, Y<sub>4</sub> and Y<sub>5</sub> is independently -H;

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straight chained or branched  $C_1$ - $C_7$  alkyl, monofluoroalkyl or polyfluoroalkyl; straight chained or branched  $C_2$ - $C_7$  alkenyl or alkynyl;  $C_3$ - $C_7$  cycloalkyl, monofluorocycloalkyl, polyfluorocycloalkyl or cycloalkenyl; -F, -Cl, -Br, or -I; - $NO_2$ ; - $N_3$ ; -CN; - $OR_4$ , - $OCOR_4$ , - $COR_4$ , - $CONHR_4$ , - $CON(R_4)_2$ , or - $COOR_4$ ; or any two of  $Y_1$ ,  $Y_2$ ,  $Y_3$ ,  $Y_4$  and  $Y_5$  present on adjacent carbon atoms can constitute a methylenedioxy group;

wherein X is S; O; or  $NR_3$ ;

wherein B is -H; straight chained or branched  $C_1$ - $C_7$  alkyl, monofluoroalkyl or polyfluoroalkyl; alkoxy or thioalkyl; straight chained or branched  $C_2$ - $C_7$  alkenyl; - $SCH_2C_6H_4OR_4$ , - $(CH_2)_nC_6H_5$ , - $CH_2X(CH_2)_nNHR_4$ ; - $(CH_2)_nNHR_4$ ; or - $OR_4$  with the proviso that B cannot be -OH or - $OCH_3$ ;

wherein  $R_1$  is -H; - $NO_2$ ; -CN; straight chained or branched  $C_1$ - $C_7$  alkyl, monofluoroalkyl or polyfluoroalkyl; straight chained or branched  $C_2$ - $C_7$  alkenyl or alkynyl;  $C_3$ - $C_7$  cycloalkyl, monofluorocycloalkyl, polyfluorocycloalkyl or cycloalkenyl; - $N(R_4)_2$ ; - $OR_4$ ; - $(CH_2)_pOR_4$ ; - $COR_4$ ; - $CO_2R_4$ ; or - $CON(R_4)_2$ ;

wherein  $R_2$  is -H; straight chained or branched  $C_1$ - $C_7$  alkyl, hydroxyalkyl, alkoxyalkyl, aminoalkyl, monofluoroalkyl or polyfluoroalkyl; straight chained or branched  $C_2$ - $C_7$  alkenyl or

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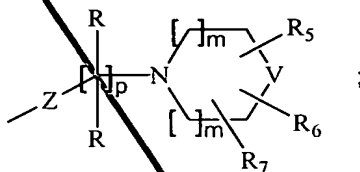
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alkynyl; C<sub>3</sub>-C<sub>7</sub> cycloalkyl, monofluorocycloalkyl, polyfluorocycloalkyl or cycloalkenyl; C<sub>3</sub>-C<sub>10</sub> cycloalkyl-C<sub>1</sub>-C<sub>10</sub>-alkyl, C<sub>3</sub>-C<sub>10</sub> cycloalkyl-C<sub>1</sub>-C<sub>10</sub>-monofluoroalkyl or C<sub>3</sub>-C<sub>10</sub> cycloalkyl-C<sub>1</sub>-C<sub>10</sub>-polyfluoroalkyl; -CN; -CH<sub>2</sub>XR<sub>4</sub>, -CH<sub>2</sub>X(CH<sub>2</sub>)<sub>p</sub>NHR<sub>4</sub>, -(CH<sub>2</sub>)<sub>n</sub>NHR<sub>4</sub>, -CH<sub>2</sub>X(CH<sub>2</sub>)<sub>p</sub>N(R<sub>4</sub>)<sub>2</sub>, or -CH<sub>2</sub>X(CH<sub>2</sub>)<sub>p</sub>NHCXR<sub>7</sub>; or -OR<sub>4</sub>;

wherein each p is independently an integer from 1 to 7;

wherein each n is independently an integer from 0 to 5;

wherein R<sub>3</sub> is



wherein Z is C<sub>2</sub>-C<sub>7</sub> alkenyl or alkynyl; CH<sub>2</sub>; O; CO; CO<sub>2</sub>; CONR<sub>4</sub>; S; SO; SO<sub>2</sub>; or NR<sub>4</sub>;

wherein Z' is (CH<sub>2</sub>)<sub>0</sub>, CO, (CH<sub>2</sub>)<sub>0</sub>CO, or CO(CH<sub>2</sub>)<sub>0</sub>;

wherein each D is independently CH<sub>2</sub>; O; S; NR<sub>4</sub>; CO; or CS;

wherein W is C=O; C=NOR<sub>4</sub>; substituted or unsubstituted phenyl, pyridyl, thiophenyl, furanyl, pyrazinyl, pyrrolyl, naphthyl, indolyl, imidazolyl, benzfurazanyl, benzfuranyl or

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benzimidazolyl, wherein the phenyl, pyridyl, thiophenyl, furanyl, pyrazinyl, pyrrolyl, naphthyl, indolyl, imidazolyl, benzfurazanyl, benzfuranyl or benzimidazolyl is substituted with -H, -F, -Cl, -Br, -I, -NO<sub>2</sub>, -CN, straight chained or branched C<sub>1</sub>-C<sub>7</sub> alkyl, straight chained or branched C<sub>1</sub>-C<sub>7</sub> monofluoroalkyl, straight chained or branched C<sub>1</sub>-C<sub>7</sub> polyfluoroalkyl, straight chained or branched C<sub>2</sub>-C<sub>7</sub> alkenyl, straight chained or branched C<sub>2</sub>-C<sub>7</sub> alkynyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>3</sub>-C<sub>7</sub> monofluorocycloalkyl, C<sub>3</sub>-C<sub>7</sub> polyfluorocycloalkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkenyl, -N(R<sub>4</sub>)<sub>2</sub>, -OR<sub>4</sub>, -COR<sub>4</sub>, -CO<sub>2</sub>R<sub>4</sub>, or -CON(R<sub>4</sub>)<sub>2</sub>;

wherein each V is independently O; S; CH<sub>2</sub>; CR<sub>5</sub>R<sub>7</sub>; C(R<sub>7</sub>)<sub>2</sub>; or NR<sub>7</sub>;

wherein each m is independently an integer from 0 to 3;

wherein o is an integer from 1 to 3;

wherein each R is independently -H; -F; straight chained or branched C<sub>1</sub>-C<sub>7</sub> alkyl, monofluoroalkyl or polyfluoroalkyl; straight chained or branched C<sub>2</sub>-C<sub>7</sub> alkenyl or alkynyl; -N(R<sub>4</sub>)<sub>2</sub>; -NO<sub>2</sub>; -CN; -CO<sub>2</sub>R<sub>4</sub>; or -OR<sub>4</sub>;

wherein each R<sub>4</sub> is independently -H; straight chained or

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branched C<sub>1</sub>-C<sub>7</sub> alkyl, monofluoroalkyl or polyfluoroalkyl;  
straight chained or branched C<sub>2</sub>-C<sub>7</sub> alkenyl or alkynyl; C<sub>3</sub>-C<sub>7</sub>  
cycloalkyl, monofluorocycloalkyl, polyfluorocycloalkyl or  
cycloalkenyl;

wherein R<sub>5</sub> is aryl or heteroaryl substituted with one or more  
F; Cl; Br; I; COR<sub>4</sub>; CO<sub>2</sub>R<sub>4</sub>; -CON(R<sub>4</sub>)<sub>2</sub>; CN; -NO<sub>2</sub>; -N(R<sub>4</sub>)<sub>2</sub>; -OR<sub>4</sub>; -  
SR<sub>4</sub>; (CH<sub>2</sub>)<sub>o</sub>OR<sub>4</sub>; (CH<sub>2</sub>)<sub>o</sub>SR<sub>4</sub>; straight chained or branched C<sub>1</sub>-C<sub>7</sub>  
alkyl, monofluoroalkyl, polyfluoroalkyl, aminoalkyl, or  
carboxamidoalkyl; straight chained or branched C<sub>2</sub>-C<sub>7</sub> alkenyl,  
C<sub>2</sub>-C<sub>7</sub> alkynyl; C<sub>3</sub>-C<sub>7</sub> cycloalkyl, monofluorocycloalkyl,  
polyfluorocycloalkyl, or cycloalkenyl;

wherein each R<sub>6</sub> is independently -H; straight chained or  
branched C<sub>1</sub>-C<sub>7</sub> alkyl, hydroxyalkyl, aminoalkyl, alkoxyalkyl,  
monofluoroalkyl or polyfluoroalkyl; straight chained or  
branched C<sub>2</sub>-C<sub>7</sub> alkenyl or alkynyl; C<sub>3</sub>-C<sub>7</sub> cycloalkyl,  
monofluorocycloalkyl, polyfluorocycloalkyl or cycloalkenyl; or  
-OR<sub>4</sub>;

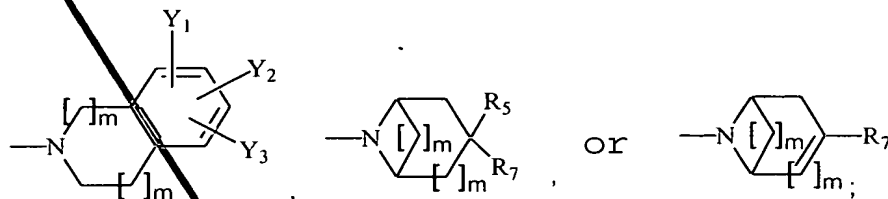
wherein R<sub>7</sub> is aryl or heteroaryl substituted with one or more  
F; Cl; Br; I; COR<sub>4</sub>; CO<sub>2</sub>R<sub>4</sub>; -CON(R<sub>4</sub>)<sub>2</sub>; CN; -NO<sub>2</sub>; -N(R<sub>4</sub>)<sub>2</sub>; -OR<sub>4</sub>; -  
SR<sub>4</sub>; (CH<sub>2</sub>)<sub>o</sub>OR<sub>4</sub>; (CH<sub>2</sub>)<sub>o</sub>SR<sub>4</sub>; straight chained or branched C<sub>1</sub>-C<sub>7</sub>  
alkyl, monofluoroalkyl, polyfluoroalkyl, aminoalkyl, or

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carboxamidoalkyl; straight chained or branched C<sub>2</sub>-C<sub>7</sub> alkenyl, C<sub>2</sub>-C<sub>7</sub> alkynyl; C<sub>3</sub>-C<sub>7</sub> cycloalkyl, monofluorocycloalkyl, polyfluorocycloalkyl, or cycloalkenyl;

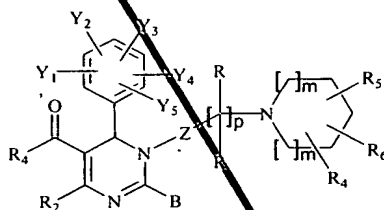
wherein R<sub>3</sub> is -H; substituted or unsubstituted benzyl, benzoyl, phenyl, pyridyl, thiophenyl, furanyl, pyrazinyl, pyrrolyl, naphthyl, indolyl, imidazolyl, benzfurazanyl, benzfuranyl, benzimidazolyl or 2-keto-1-benzimidazolyl, wherein the benzyl, benzoyl, phenyl, pyridyl, thiophenyl, furanyl, pyrazinyl, pyrrolyl, naphthyl, indolyl, imidazolyl, benzfurazanyl, benzfuranyl, benzimidazolyl or 2-keto-1-benzimidazolyl is substituted with -H, -F, -Cl, -Br, -I, -NO<sub>2</sub>, -CN, straight chained or branched C<sub>1</sub>-C<sub>7</sub> alkyl, straight chained or branched C<sub>1</sub>-C<sub>7</sub> monofluoroalkyl, straight chained or branched C<sub>1</sub>-C<sub>7</sub> polyfluoroalkyl, straight chained or branched C<sub>2</sub>-C<sub>7</sub> alkenyl, straight chained or branched C<sub>2</sub>-C<sub>7</sub> alkynyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>3</sub>-C<sub>7</sub> monofluorocycloalkyl, C<sub>3</sub>-C<sub>7</sub> polyfluorocycloalkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkenyl, -N(R<sub>4</sub>)<sub>2</sub>, -OR<sub>4</sub>, -COR<sub>4</sub>, -CO<sub>2</sub>R<sub>4</sub>, or -CON(R<sub>4</sub>)<sub>2</sub>; substituted or unsubstituted straight chained or branched C<sub>1</sub>-C<sub>7</sub> alkyl, monofluoroalkyl or polyfluoroalkyl; substituted or unsubstituted straight chained or branched C<sub>2</sub>-C<sub>7</sub> alkenyl or alkynyl; C<sub>3</sub>-C<sub>7</sub> cycloalkyl or cycloalkenyl, wherein the alkyl, monofluoroalkyl, polyfluoroalkyl, alkenyl, alkynyl, cycloalkyl or cycloalkenyl is substituted with -H, phenyl, pyridyl, thiophenyl, furanyl,

pyrazinyl, pyrrolyl, naphthyl, indolyl, imidazolyl, benzfurazanyl, benzfuranyl, benzimidazolyl,  $-N(R_4)_2$ ,  $-NO_2$ ,  $-CN$ ,  $-CO_2R_4$ ,  $-OR_4$ ;

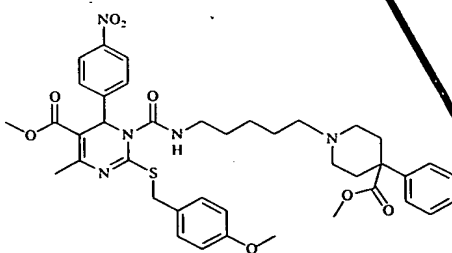


or a pharmaceutically acceptable salt thereof.--

--17. (Twice Amended) The compound of claim 16 having the structure:



--58. (Amended) The compound of claims 17, wherein the compound has the structure:



Applicants submit herewith a Marked-Up Version of Amendments showing the changes made attached hereto as **Exhibit A**.